

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5444047

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHARP KABUSHIKI KAISHA	03/26/2019
RECEIVING PARTY DATA	
Name:	FG INNOVATION COMPANY LIMITED
Street Address:	FLAT 2623, 26/F, TUEN MUN CENTRAL SQUARE, 22 HOI WING ROAD
City:	TUEN MUN, NEW TERRITORIES
State/Country:	HONG KONG
PROPERTY NUMBERS Total: 14	
Property Type	Number
Application Number:	15969491
Application Number:	15969026
Application Number:	15970251
Application Number:	15970091
Application Number:	15969106
Application Number:	16002176
Application Number:	16007207
Application Number:	16008386
Application Number:	16008306
Application Number:	16008492
Application Number:	16059940
Application Number:	16059975
Application Number:	16059926
Application Number:	16059866
CORRESPONDENCE DATA	
Fax Number:	(801)606-2774
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	801-537-1700
Email:	wla-admin@austin-rapp.com
Correspondent Name:	WESLEY L. AUSTIN
Address Line 1:	170 S. MAIN ST., STE. 735

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Address Line 4: SALT LAKE CITY, UTAH 84101	
ATTORNEY DOCKET NUMBER:	SLA3719.2
NAME OF SUBMITTER:	WESLEY L. AUSTIN
SIGNATURE:	/Wesley L. Austin/
DATE SIGNED:	03/27/2019
Total Attachments: 2 source=17760US etc_Assignment#page1.tif source=17760US etc_Assignment#page2.tif	

CORPORATE-TO-CORPORATE ASSIGNMENT

WHEREAS, Sharp Kabushiki Kaisha (hereinafter "Sharp"), a Japanese Corporation, having an address at 1, Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522, Japan, is, by one or more assignment documents recorded in the assignment records of the United States Patent and Trademark Office, the assignee and record owner of the U.S. non-provisional patent applications listed in the attached list of U.S. patent applications (hereinafter "the Applications"), including the inventions disclosed therein (hereinafter "said Inventions");

WHEREAS, FG Innovation Company Limited (hereinafter "FG"), having a headquarter address at Flat 2623, 26/F, Tuen Mun Central Square, 22 Hoi Wing Road, Tuen Mun, New Territories, Hong Kong, China, wishes to acquire 42.40% (SPELL OUT PERCENTAGE, E.G., forty-two and four-tenths percent) of Sharp's right, title and interest in and to said Inventions and the Applications; and

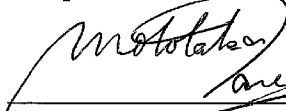
WHEREAS, Sharp wishes to transfer the aforementioned share of said Inventions and the Applications, from Sharp to FG;

NOW THEREFORE, for good and valuable consideration acknowledged by Sharp to have been received in full from FG, Sharp does hereby sell, assign, transfer, convey, and quitclaim unto FG 42.40% of Sharp's right, title and interest in and to said Inventions, including a 42.40% ownership share of the Applications.

The terms and covenants of this Assignment shall inure to the benefit of FG, its successors, assigns and other legal representatives, and shall be binding upon Sharp, its successors, assigns and other legal representatives.

The undersigned is authorized to act on behalf of the present assignee, Sharp.

Sharp Kabushiki Kaisha



Dated: 26. Mar. 2019

NAME OF PERSON: TANEYA MOTOTAKA

TITLE OF PERSON: Managing Officer, BU President,
Corporate Research & Development BU

1, Takumi-cho
Sakai-ku, Sakai City
Osaka 590-8522
Japan

List of U.S. and PCT patent applications

Application Number	Filing Date	Title
15/969491	02 May 2018	USER EQUIPMENTS, BASE STATIONS AND METHODS
15/969026	02 May 2018	SYSTEMS AND METHODS FOR SUPPORTING MULTIPLE ALLOCATIONS IN UL/DL GRANT FOR A 5G NR UE AND gNB
15/970251	03 May 2018	HYBRID AUTOMATIC REPEAT REQUEST FOR UPLINK ULTRA-RELIABLE AND LOW-LATENCY COMMUNICATIONS
15/970091	03 May 2018	SHORT PUCCH FORMATS AND SCHEDULING REQUEST (SR) TRANSMISSION FOR 5th GENERATION (5G) NEW RADIO ACCESS TECHNOLOGY (NR)
15/969106	02 May 2018	USER EQUIPMENTS, BASE STATIONS AND METHODS
16/002176	07 Jun 2018	SYSTEMS AND METHODS FOR ADDING AND MODIFYING SIGNALING RADIO BEARERS AND DATA RADIO BEARERS THAT INCLUDE NUMEROLOGY (SUB-CARRIER SPACING) INFORMATION
16/007207	13 Jun 2018	PROCEDURES, USER EQUIPMENTS AND BASE STATIONS FOR CODE BLOCK GROUP-BASED TRANSMISSION
16/008386	14 Jun 2018	SYSTEMS AND METHODS FOR AN ENHANCED SCHEDULING REQUEST FOR 5G NR
16/008306	14 Jun 2018	PROCEDURE, BASE STATION AND USER EQUIPMENT FOR UPLINK TRANSMISSION WITHOUT GRANT
16/008492	14 Jun 2018	PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) FORMAT ADAPTATION FOR 5th GENERATION (5G) NEW RADIO (NR)
16/059940	09 Aug 2018	SLOT STRUCTURE OF LONG PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) DESIGN FOR 5th GENERATION (5G) NEW RADIO (NR)
16/059975	09 Aug 2018	SYSTEMS AND METHODS FOR INDICATING PRIORITY OF LOGICAL CHANNEL GROUPS (LCGs) IN A 5G NR BUFFER STATUS REPORT (BSR)
16/059926	09 Aug 2018	MULTIPLE SLOT LONG PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) DESIGN FOR 5th GENERATION (5G) NEW RADIO (NR)
16/059866	09 Aug 2018	USER EQUIPMENTS, BASE STATIONS AND METHODS